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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,604	10/24/2003	Akihiko Yamamoto	1692-032064	8815

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EXAMINER

SHANKAR, VIJAY

ART UNIT	PAPER NUMBER
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2629

DATE MAILED: 07/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/692,604	<b>Applicant(s)</b> YAMAMOTO ET AL.	
	<b>Examiner</b> VIJAY SHANKAR	<b>Art Unit</b> 2629	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 October 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |  |
|--|--|
| <p>1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br/>Paper No(s)/Mail Date _____</p> | <p>4) <input type="checkbox"/> Interview Summary (PTO-413)<br/>Paper No(s)/Mail Date. _____</p> <p>5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>6) <input type="checkbox"/> Other: _____</p> |
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## DETAILED ACTION

### *Priority*

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Okuda et al (EPO 0589830 A2).

Regarding Claim 1, Okuda et al teaches a display device for a loom (Fig.1), comprising: a display unit provided with a touch screen (element 2 in fig.1); a display command unit capable of making said display unit display at least one of operation control buttons on said touch screen (Figures 1-4; Page 3, line 1- Page 4, line 56); and a button condition command unit capable of making at least one of operation control buttons to be interlocked, either one of in the non-displaying state or in the ineffective state according to a stopping state of the loom. (Figures 1-4; Page 3, line 1- Page 4, line 56).

Regarding Claim 2, Okuda et al teaches a display device further comprising an operation command unit that makes an operation button included in the operation

control buttons effective only when the operation button is pressed so as to meet a specific condition; wherein the operation control buttons include at least one the operation button and at least one permission button, the operation button is effective only when the operation button and the permission button are pressed simultaneously, and at least the operation control button to be interlocked is either the operation button or the permission button. (Figures 1-4; Page 3, line 1- Page 4, line 56).

Regarding Claim 3, Okuda et al teaches a display device wherein the operation control buttons include at least one operation button, and the operation control button to be interlocked is the operation button. (Figure 1; Page 3, line 1-56).

Regarding Claim 4, Okuda et al teaches a display device further comprising an operation command unit that makes an operation button included in the operation control buttons effective only when the operation button is pressed so as to meet a specific condition; wherein the operation control buttons further include one permission button, the operation button is effective when operation button and the permission button are pressed simultaneously, and the operation control button to be interlocked is the permission button. (Figures 1-4; Page 3, line 1- Page 4, line 56).

Regarding Claim 5, Okuda et al teaches a display device further comprising an operation command unit that makes the operation button effective when the operation button is pressed so as to meet a specific condition; wherein the operation

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control buttons further include a plurality of permission buttons, the operation button is effective when the operation button and the permission button are pressed simultaneously, and the operation control button to be interlocked is the permission button. (Figures 1-4; Page 3, line 1- Page 4, line 56).

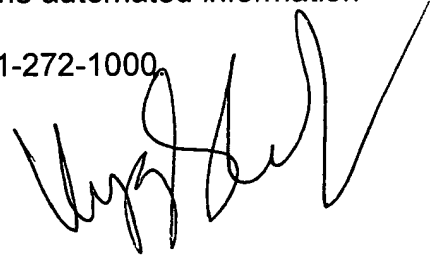
Regarding Claim 6, Okuda et al teaches a display device further comprising an OR command unit that makes at least one of the operation control buttons in non-display state or ineffective state depending on OR of stopping states when a plurality of the stopping states occur simultaneously. (Figures 1-4; Page 3, line 1- Page 4, line 56).

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY SHANKAR whose telephone number is (571) 272-7682. The examiner can normally be reached on M-F 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to read 'Vijay Shankar', with a large, sweeping checkmark-like stroke at the end.

VIJAY SHANKAR  
Primary Examiner  
Art Unit 2629

VS